

MAG High Capacity Transit Plan



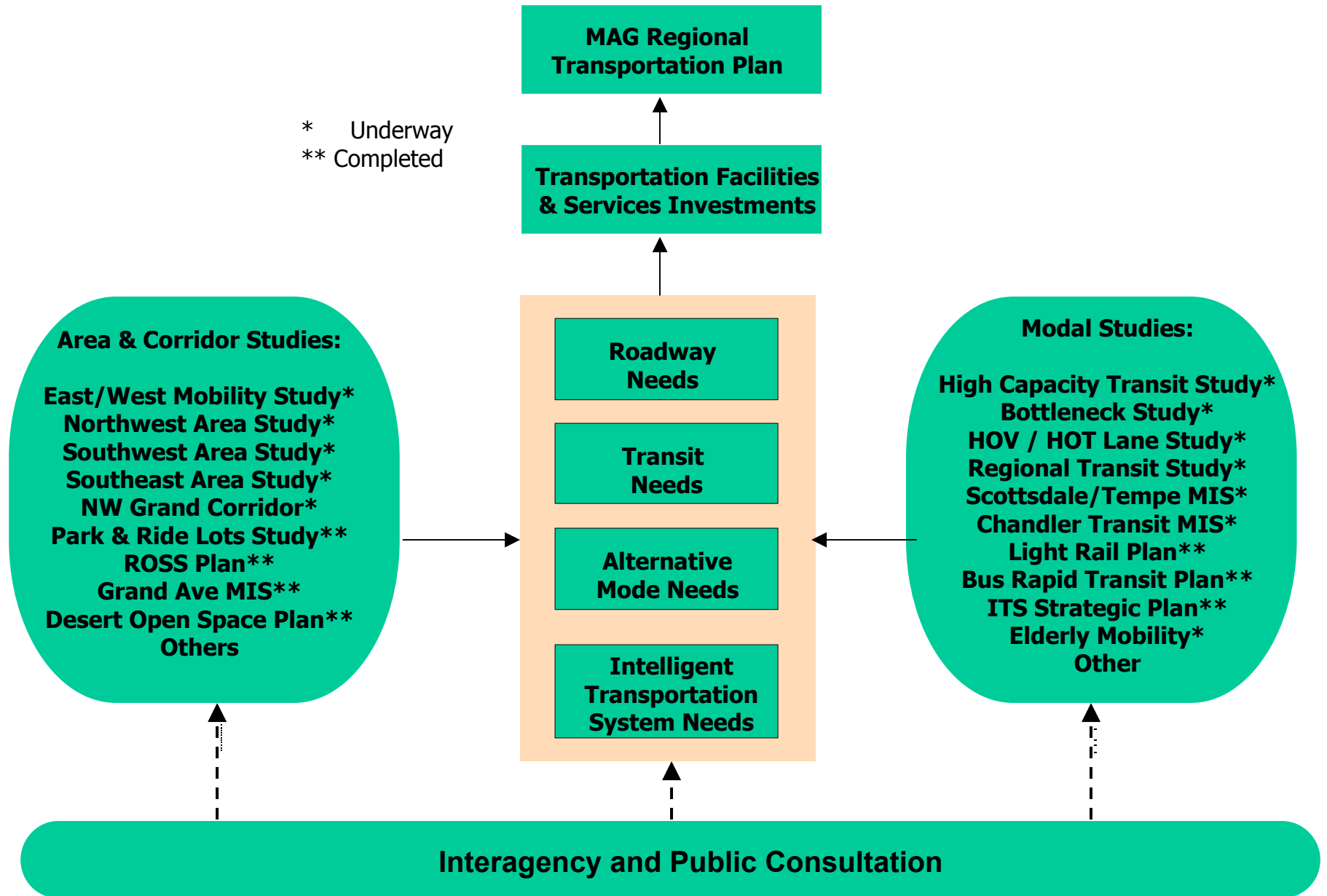
***A study that could change the way people
travel around Maricopa County***

**Southeast Maricopa/Northern Pinal County Area
Transportation Study Agency Workshop**

December 4, 2002

Transportation Studies

* Underway
** Completed



Identify Forms of Effective High Capacity Transit Services



What is High-Capacity Transit?

- Commuter Rail
- Light Rail
- Bus Rapid Transit



Project Vision



Commuter rail service along freight corridors.



Project Vision

High-capacity transit alternatives in other corridors.



Project Vision

Feeder bus networks serving rail stations and park & rides.



Project Milestones



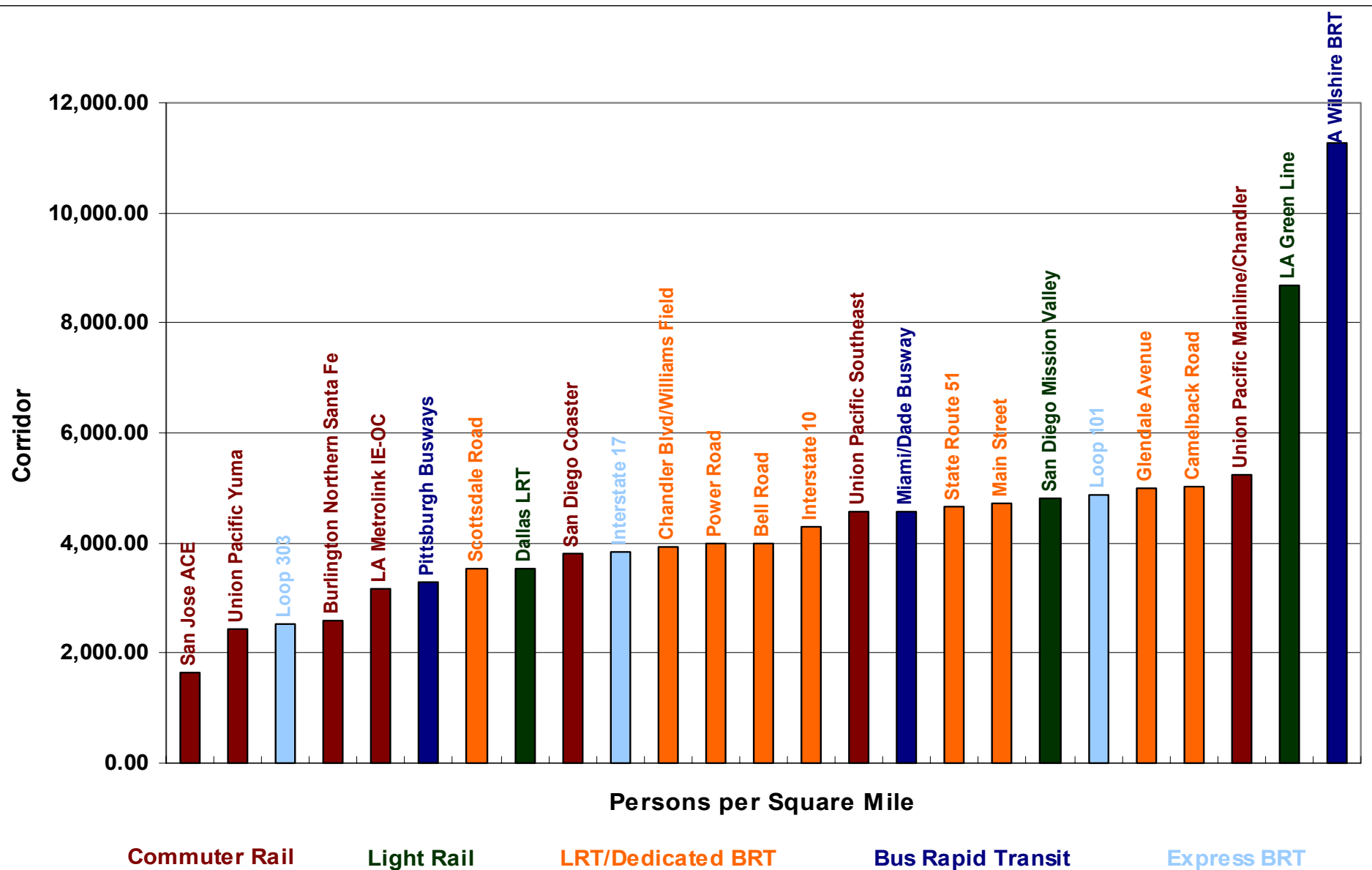
- Milestone 1 -- Public and Agency Involvement Plan
 - February, 2002
- Milestone 2 – Needs and Opportunities
 - May, 2002
- Milestone 3 – Identification of Alternatives
 - July, 2002

Project Milestones



- Milestone 4 – Evaluation of Alternatives
 - October, 2002
- Milestone 5 – Regional High Capacity Transit Plan
 - December, 2002
- Milestone 6 – Final Report
 - December, 2002

Peer Review - Findings





Corridors

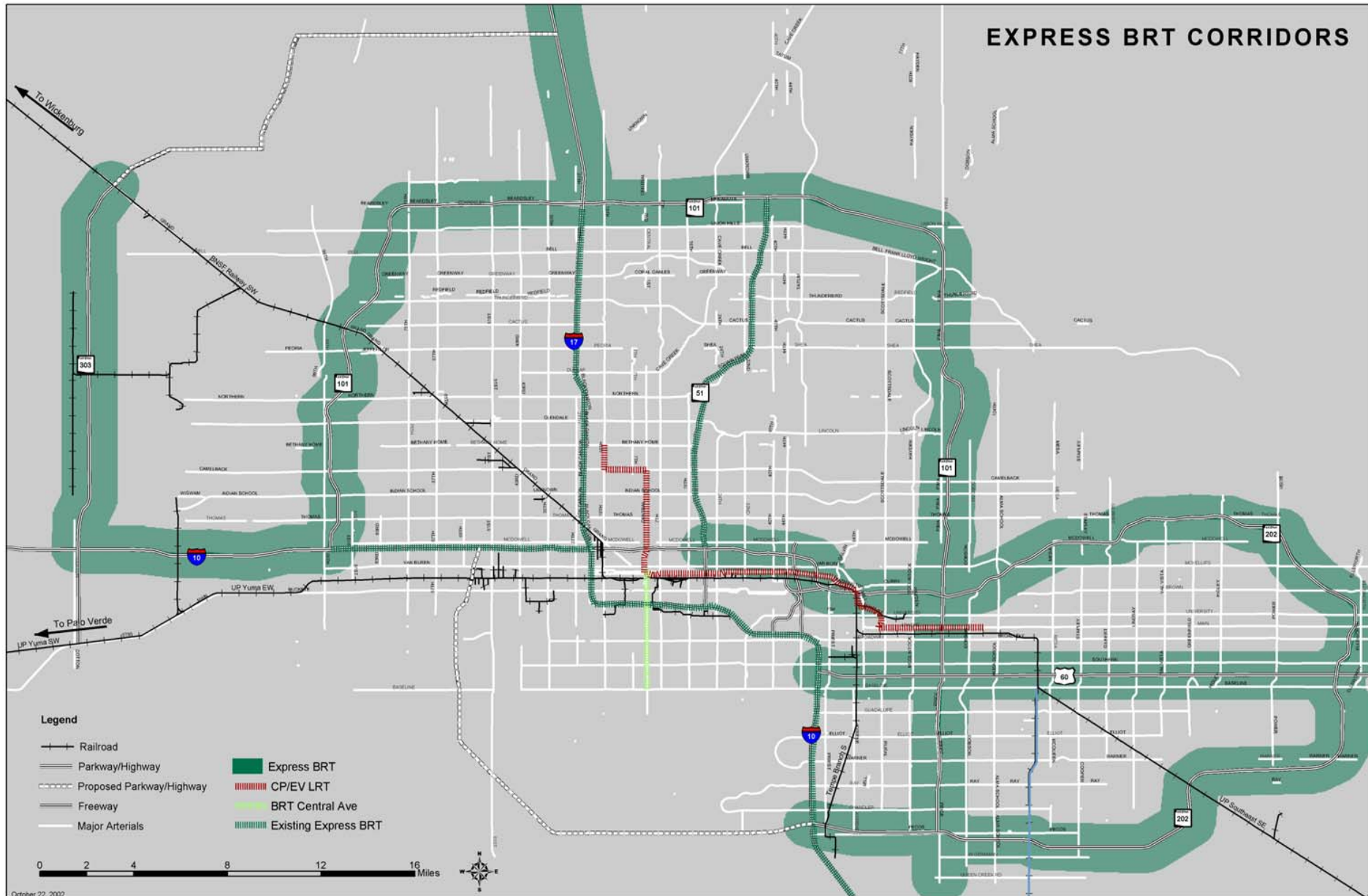
- Commuter Rail
 - BNSF
 - UP Yuma
 - UP Southeast
 - UP Chandler
- Express Bus
 - US-60
 - I-10 West
 - Loop 101 W. Valley
 - Loop 101 E. Valley
 - Loop 202
 - Loop 303
 - I-17 North
- Light Rail/Dedicated BRT
 - Baseline
 - Bell
 - Camelback
 - Chandler Boulevard
 - Glendale/Cactus
 - 59th Avenue
 - I-10 West
 - Main Street (Mesa)
 - Metrocenter
 - Northern
 - Power
 - SR-51
 - Scottsdale/Rural
 - UP Chandler
 - UP Tempe



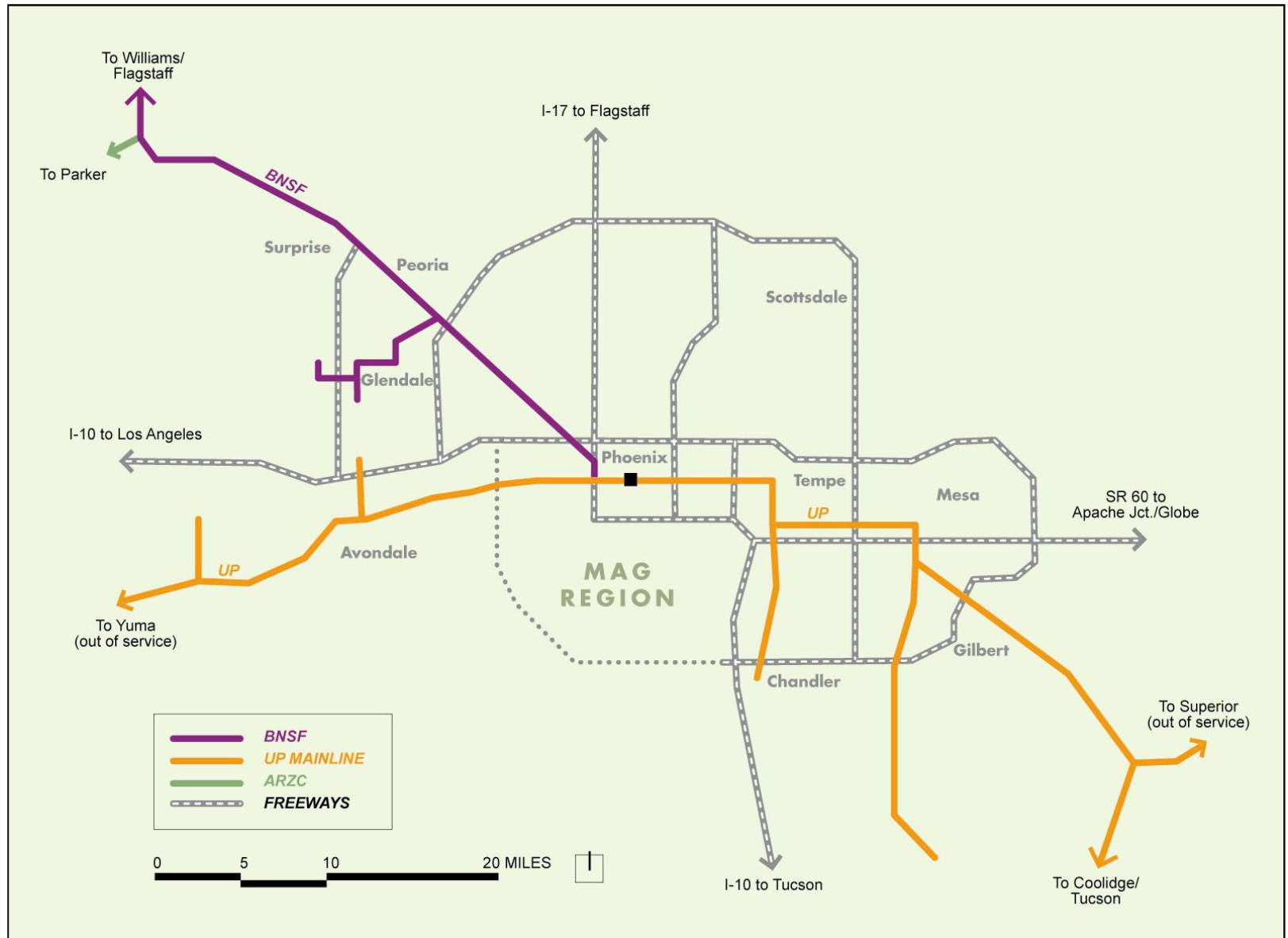
Evaluation Criteria

- Future Population & Employment Density
- Current Environmental Justice & Future Transit Dependent Populations
- Daily Boardings per Mile
- Capital Cost per Mile
- Land Use Opportunities (Redevelopment/TOD)
- Right-of-Way and Natural Resource Impacts
- Cost Effectiveness (Annual Cost/Annual Riders)

Express BRT Corridors



Regional Rail Network





Corridors for Milestone 5

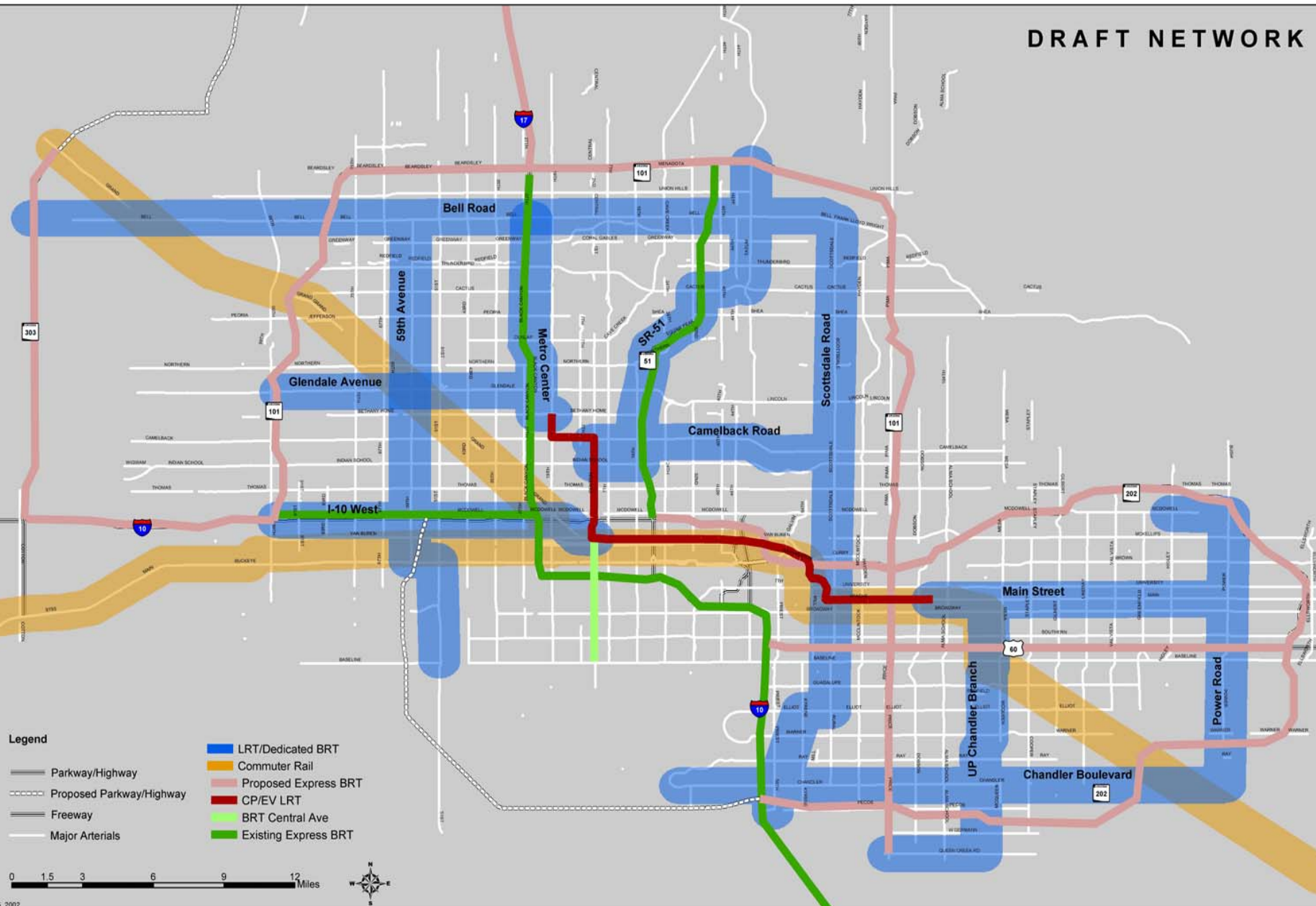
- **Light Rail/Bus Rapid Transit:**
 - Camelback
 - Union Pacific Chandler Branch
 - Northern Avenue
 - I-10 West
 - 59th Avenue
 - Metrocenter Extension
- **Light Rail/Bus Rapid Transit:**
 - Chandler Blvd.
 - Bell
 - SR51/Dreamy Draw
 - Main Street
 - Power
 - Scottsdale/Rural Road
 - Union Pacific Tempe Branch

Commuter Rail: All corridors carried forward into Milestone 5



Draft Network

DRAFT NETWORK



Milestone 5

- Recommended Network:
 - Finalize corridor evaluation
 - Define technologies
 - Identify preliminary operating characteristics
 - Refine ridership, revenues, costs
- Develop implementation schedule, phasing

December, 2002





Community Meetings

- **5:00 p.m. to 7:00 p.m. Nightly**
- **Tuesday, December 10**
 - Southeast Regional Library, Gilbert
 - 775 N. Greenfield Road
- **Thursday, December 12**
 - City of Glendale City Hall
 - 5850 W. Glendale Avenue
- **Monday, December 16**
 - Burton Barr Central Library, Phoenix
 - 1221 N. Central Avenue
- **High Capacity Transit Working Group:**
 - Thursday, December 5, 2002
 - 1:30 p.m., MAG Cholla Room





For More Information:

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